Jasmine BL-I
Bluetooth Lossless Audio Receiver

Jasmine

User's Manual

Jasmine Bluetooth Lossless

Safety Precautions

To achieve the best performance from your Jasmine BL-I bluetooth lossless audio receiver, and for your own safety, please read and follow these important safety instructions:

Never place the Jasmine BL-I near heat sources such as radiators, fireplaces, stoves, or other appliances that produce heat. Avoid placing the Jasmine BL-I where it will be subject to direct sunlight or low temperatures.

- AC extension cords are not recommended for use with this product. If an extension cord must be used, be sure it is an approved type and has sufficient current carrying capacity for this product.

- Before cleaning the Jasmine BL-I, always disconnect the power supply cord. Use a soft cloth and if necessary, dampen with clean water or mild cleaning agent. Never apply water, or any other cleaner, directly to the chassis.

- If you smell smoke or an abnormal smell, immediately unplug the Jasmine BL-I from the power supply and contact your Jasmine dealer.

- Never attempt to do service on the Jasmine BL-I beyond what is described in this User's Manual. Qualified service personnel should perform all repairs.

- Unplug unit if it becomes wet.

- Do not open unit when attached to AC outlet; dangerous voltages may be encountered.

- Replace fuse only with the exact type originally included.

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Introduction

All of us at Jasmine would like to offer thanks and congratulations to you for purchasing the Jasmine BL-I. We sincerely believe that your Jasmine BL-I is an intelligent purchase decision that will bring you many years of musical pleasure and satisfaction. While every new owner is anxious to begin listening, we encourage you to take a few minutes to read this manual and familiarize yourself with the full capabilities of the Jasmine BL-I.

To reduce the risk of injury or damage to your Jasmine BL-I, please read the safety instructions on the first page of this manual. In addition, please pay particular attention to the sections of this manual where the symbol at left is shown.

A Brief History of Jasmine

Jasmine Audio was established by a group of professional audiophile with the pure passion for the perfection of sound in 2001. The result of this passion is products with marvellous and smooth dynamic sound combined with innovative design. No detail on a Jasmine product is left unattended, and all components are handpicked by experienced and qualified engineers. Owning a Jasmine product should be seen as being part of a very special "club", created by enthusiasts for enthusiasts.

The Design Philosophy of Jasmine

Pure, Simple, Natural !

Installation

This section includes information on how to unpack and position your Jasmine BL-I bluetooth lossless audio receiver.

Unpacking

After carefully unpacking your Jasmine BL-I, inspect for any shipping damage and call your dealer immediately if any is found. Do not plug your Jasmine BL-I into any outlet if you find shipping damage.

Please save all packing materials so the unit can be easily and safely shipped if the need arises.

The Accessory Kit

Included in the carton, you will find an accessory kit that contains the following:

- AC power cord
- 2.4G Antenna

Choosing a Location for the Jasmine Phono Pre-Amplifier

For best performance, place the Jasmine BL-I on a solid, non-resonant shelf.

Connections

This section provides instructions to connect the Jasmine LP BL-I to the rest of your music system. Below is an illustration of the Jasmine BL-I rear panel, showing all inputs and outputs.

Front Panel:

Avoid allowing static shocks to be applied to the inputs or outputs. To prevent static shocks, touch any grounded surface, such as the chassis of a component that is plugged into an AC socket, before connecting or removing a cable.

Inputs and outputs can be safely connected to the Jasmine BL-I when the AC power is switched off.

Connecting to AC Power

Before pluging in the AC Power, please make sure the power model switcher of your BL-I was settled at right position! Attempting to use your Jasmine BL-I at any voltage other than that specified on the rear of the unit may cause damage that is not covered by Jasmine's warranty.

Jasmine AC Power Mode:

The 230V mode is suitable for using in 215 ~ 245V voltage environment.
The 115V mode is suitable for using in 100 ~ 130V voltage environment.

Break-in and warm-up

Careful listeners will notice that the sound of the Jasmine BL-I improves steadily after the unit is powered-up. A new unit will undergo more dramatic changes when power is applied for the first time. Depending on the resolution of the system and the attentiveness of the listener, you may find that the sound continues to improve over the first several weeks of operation. If the power is disconnected for a period of an hour or more, the unit will undergo similar but less dramatic break-in.

Connecting to Cables and Antenna

Jasmine BL-I own three signal input channels:
- Wireless Bluetooth Lossless
- Optical SPDIF digital audio
- Coaxial SPDIF digital audio

Jamsine BL-I not only a bluetooth lossless audio receiver, it also can be used as a DAC, Its DAC sample rate is up to 24bit/96KHz.

Please find the 2.4G antenna in the accessories coming with

Jasmine BL-I, and install it. If no the antenna installed, your bluetooth device will can not find the Jasmine BL-I.

Please use a pair of RCA stereo audio cable to connect the stereo output terminals of Jasmine BL-I to your amplifier input terminals.
If you like to use other DAC device, you can use optical cable or coaxial cable to connect the digital output terminal to your DAC input.
If you like to use Jasmine BL-I as a DAC, you can use optical cable or coaxial cable to connect the digital input terminal to your player output.

Wireless Bluetooth Connection

- After the cables conneted, Power on Jasmine BL-I
- The default input channel was settled on the Bluetooth Lossless by the manufactory. You can use input selection switcher on the front panel to change input channel.
- Open the bluetooth function and Search new bluetooth device on your mobile device or computer, You will find a new device named “Jasmine”,
- Connecting the “Jasmine” bluetooth, Some mobile device need the match code to connect bluetooth, The match code of Jasmine BL-I is **“0000” (four zero).**
- After the bluetooth connected successfully, you can begin to play music now.

Operation

This section describes how to operate the Jasmine BL-I Bluetooth Lossless Audio Receiver.

Wirelessly Playing Music

If you used a Pad or Cell Phone to connected Jasmine BL-I, The sound will automaticly send to BL-I, expect when you have a call in, the music will stop and after you finished the call, the music will automaticly continue.

You can use your Pad or Cell phone to play the local audio files, listen an IP radio station, or surfing internet to play online music.

To archieve the high fidelity sound, we recommend you to play the lossless quality audio files.

Using DAC function

Jasmine BL-I can also be used as a pure DAC device, Its sample rate is up to 24bit/96KHz.

You can choose Optical or Coaxial terminal as a DAC input, Please don't forget to select the right input channel on the front panel.

Powering On & Off Sequence

The correct power-on and power-off sequence will lengthen the life of your HI-FI system.

Power On Sequence

- BL-I Receiver --> Pre-Amplifier --> Power Amplifier.
- BL-I Receiver --> Integrated Amplifier.

Power Off Sequence

- Power Amplifier --> Pre-Amplifier--> BL-I Receiver
- Integrated Amplifier--> BL-I Receiver

Warranty

Jasmine warrants that Jasmine products shall be free from defects in materials and workmanship for:

One years for parts and labor

The warranty period begins at the date of retail sale by an authorized Jasmine dealer and is subject to the following requirements and understandings:

1. This is a non-transferable warranty applicable to the original purchaser exclusively.
2. The product must not have been modified in any manner whatsoever, or the warranty is immediately voided.
3. The product must not have been stored in humid environment; nor subjected to weather, water, or salt spray.
4. During the warranty period Jasmine will repair the product to working order, or, at Jasmine's option, replace the defective equipment with a similar available product, at no cost to the owner for the labor, materials, and return shipping from Jasmine.
5. Jasmine shall not, under any circumstances, be liable for any incidental or consequential damages arising from the loss of property or other damage or losses due to the failure of a Jasmine product. Jasmine will not pay for loss of use or inconvenience caused by the failure of a Jasmine product. Jasmine will not pay for damage caused to other audio components because of the failure of a Jasmine product within the limits allowed by State Law.
6. All repairs performed after the warranty period has expired will be billed to the owner and will carry a 90 day warranty on parts and labor.
7. The customer is responsible for shipping the unit to Jasmine.
8. Jasmine product is only warranted in the country of original sale.

Specifications

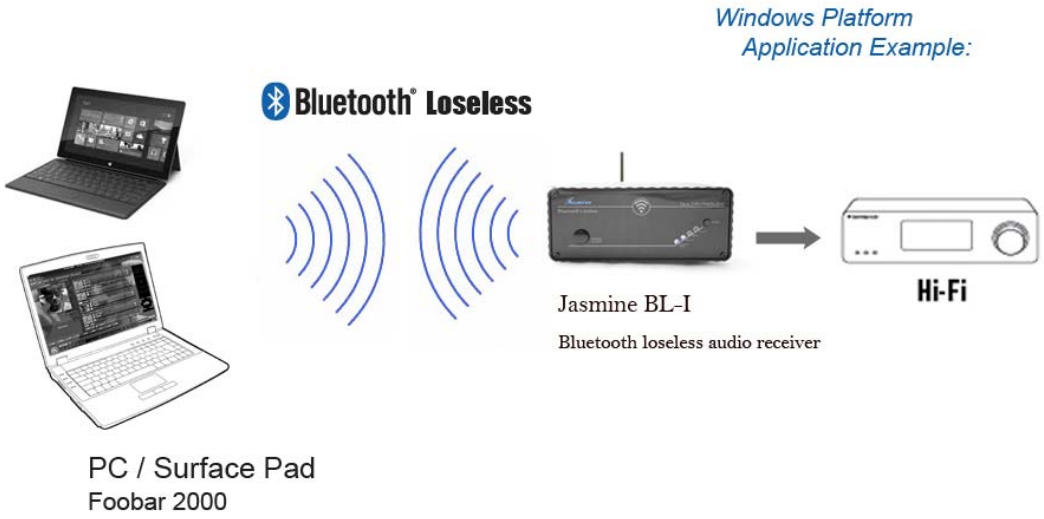
1. Interface
   - Input: 1xBluetooth Lossless, 1xOptical, 1xCoaxial;
   - Output: 1xRCA Stereo, 1xOptical, 1xCoaxial;
   - Power Supply: 100~130V, 210~250V/50~60Hz, User selectable

2. DAC Parameters
   - Frequency Resonse: 20~20KHz±0.3dB
   - Noise Level: < -100dB (A)
   - Dynamic Range: < 100dB (A)
   - THD : < 0.001%
   - THD+Noise: < -98dB (A)
   - Stereo Crosstalk : < -100dB
   - IMD @ 10KHz: < 0.005%
   - D/A Converter chip: Cirrus Logic CS4398
   - Digital Audio Interface: BB DIR9001

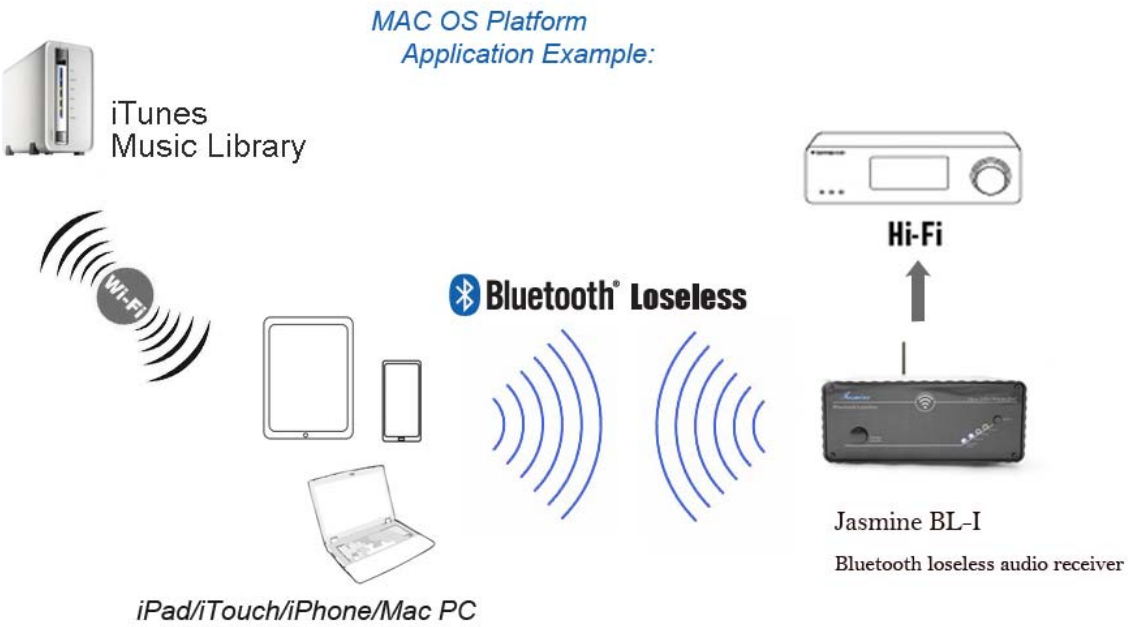
3. Bluetooth Parameters
   - Version of Bluetooth: Bluetooth V2.1+EDR Compatible V2.0, V1.2, V1.1
   - Frequency Range: 2.4~2.48GHz
   - Modulation: GFSK, 1Mbps, 0.5BT Gaussian
   - Maximum Data Transfer Rate: Asynchronous: 723.2kbps/57.6kbps
   - Synchronous: 433.9kbps/433.9kbps
   - Hopping: 1600hops/sec, 1MHz channel space
   - RF Output Impedance: 50ohms
   - Crystal Frequency: 26MHz
   - Bluetooth Protocol Supported: OPP, OBEX, SPP, A2DP, AVRCP, FTP, HS/HF, DUN Profiles
   - Operation Distance And Range: < 20 meters (33 feet) Class Ⅱ
   - Receiver Sensitivity: -80dBm@0.1% BER
   - Transmit Power: < 4dBm
   - Connection: Point to Multi-Point
   - Audio Performance: High acoustic fidelity sound
   - Audio Encoding Bit: 16bits
   - Signal to Noise Ratio: >95dB
   - Audio encryption Algorithm: 128bits
   - Audio Output: PCM Audio Digital Stream
   - Temperature Range: -40°C to +80°C
   - Humidity Range: 10%~90% Non-Condensing
   - Certificate: BQB, CE, FCC

Application Example

1. Windows Platform



2. MAC OS Platform



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